

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

05/20/02
Jc931 U.S. PTO

In re the application of: Rory A.J. Curtis

Serial No.: 10/024,623

Filed: December 17, 2001

For: 8099, 46455, 54414, 53763, 67076, 67102,
44181, 67084fl, and 67084 Alt, Human Proteins and
Methods of Use Thereof

Attorney Docket No.: MNI-214CP

Group Art Unit: 1636

Examiner:

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Commissioner for Patents
Washington, D.C. 20231

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May 15, 2002
Date of Signature and of Mail Deposit

By:

Maria C. Laccotripe
Maria C. Laccotripe, Ph.D.
Attorney for Applicant
Limited Recognition Under 37 CFR §10.9(b)

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant and his Attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicant understands that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP



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Date: May 15, 2002

AEM/DJM/MCL/LMD/ipc
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APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. MNI-214CP	SERIAL NO. 10/024,623
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Rory A.J. Curtis	
		FILING DATE December 17, 2001	GROUP 1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
A1	WO 98/39448 A2, A3	11/98	PCT				
A2	WO 99/06548 A2, A3	11/99	PCT				
A3	WO 99/18125 A1	04/99	PCT				
A4	WO 99/19339 A1	04/99	PCT				
A5	WO 99/55858 A1	11/99	PCT				
A6	WO 99/64576 A2, A3	12/99	PCT				
A7	WO 00/26245 A2, A3	05/00	PCT				

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A8	Blattner FR, et al. The complete genome sequence of <i>Escherichia coli</i> K-12. Science. 1997 Sep 5;277(5331):1453-74
A9	GenBank Accession No. Z92825 <i>Caenorhabditis elegans</i> cosmid C13C4.
A10	GenBank Accession No. AAC83350 potassium channel subunit [<i>Rattus norvegicus</i>]
A11	GenBank Accession No. M34052 M69011 Rat K+ channel protein (KShIIIA) mRNA, complete cds.
A12	GenBank Accession No. AF155913 <i>Mus musculus</i> putative E1-E2 ATPase mRNA, complete cds
A13	GenBank Accession No. AB023173 <i>Homo sapiens</i> mRNA for KIAA0956 protein, partial cds
A14	GenBank Accession No. P37021 Galactose-protein symporter (Galactose transporter)
A15	GenBank Accession No. P09830 Arabinose-Proton Symporter (Arabinose Transporter)
A16	GenBank Accession No. P22462 Voltage-Gated Potassium Channel Protein KV3.2 (KSHIIIA)
A17	GenBank Accession No. P98197 Potential phospholipid-transporting ATPase IH
A18	GenBank Accession No. D54827 HUM154G07B Clontech human fetal brain polyA+mRNA sequence
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Date Considered	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

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1636

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

B1	GenBank Accession No. P98195 Potential phospholipid-transporting Atpass IIB.
B2	GenBank Accession No. AF089730 Rattus norvegicus potassium channel subunit (Slack) mRNA, complete cds
B3	GenBank Accession No. Q9Y2G3 Potential phospholipid-transporting Atpass IR (Fragment)
B4	GenBank Accession No. AF212371 Homo sapiens spinster-like protein mRNA, complete cds
B5	GenBank Accession No. AF268896 Homo sapiens voltage gated potassium channel Kv3.2b mRNA, complete cds
B6	GenBank Accession No. AF268897 Homo sapiens voltage gated potassium channel Kv3.2b mRNA, complete cds
B7	GenBank Accession No. M84202 Rattus norvegicus K ⁺ channel protein (KSHIIIA2) mRNA, 3' end
B8	GenBank Accession No. X62834 S. cerevisiae MGM1 gene
B9	GenBank Accession No. M59211 Rat potassium channel Kv3.2b mRNA
B10	GenBank Accession No. AAL27272 voltage gated potassium channel Kv3.2b [Homo sapiens]
B11	GenBank Accession No. AAL27273 voltage gated potassium channel Kv3.2b [Homo sapiens]
B12	GenBank Accession No AAA42142 K ⁺ channel protein
B13	GenBank Accession No CAA44643 voltage-gated potassium channel [Rattus rattus]
B14	GenBank Accession No BAA92660 KIAA1422 protein [Homo sapiens]
B15	GenBank Accession No AL133061 Homo sapiens mRNA; cDNA DKFZp4N1615 (from clone DKFZp434N1615); partial cds
B16	GenBank Accession No AF236061 Oryctolagus cuniculus RING-finger binding protein mRNA, partial cds
B17	GenBank Accession No AB040920 Homo sapiens mRNA for KIAA1487 protein, partial cds
B18	GenBank Accession No AF212371 Homo sapiens spinster-like protein mRNA, complete cds
B19	GenBank Accession No AF212372 Mus musculus spinster-like protein mRNA, complete cds
B20	GenBank Accession No M84203 Rattus norvegicus K ⁺ channel protein (KSHIIIA3) mRNA, complete cds.

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

C1	Hendrickson EA, et al. A link between double-strand break-related repair and V(D)J recombination: the scid mutation. Proc Natl Acad Sci U S A. 1991 May 15;88(10):4061-5
C2	Rudy B, et al. Region-specific expression of a K ⁺ channel gene in brain. Proc Natl Acad Sci U S A. 1992 May 15;89(10):4603-7
C3	Jones BA, et al. Mitochondrial DNA maintenance in yeast requires a protein containing a region related to the GTP-binding domain of dynamin. Genes Dev. 1992 Mar;6(3):380-9
C4	Luneau C, et al. Shaw-like rat brain potassium channel cDNA's with divergent 3' ends. FEBS Lett. 1991 Aug 19;288(1-2):163-7
C5	McCormack T, et al. Molecular cloning of a member of a third class of Shaker-family K ⁺ channel genes in mammals. Proc Natl Acad Sci U S A. 1990 Jul;87(13):5227-31
C6	Maiden MC et al. The cloning, DNA sequence, and overexpression of the gene araE coding for arabinose-proton symport in Escherichia coli K12. J Biol Chem. 1988 Jun 15;263(17):8003-10
C7	Maiden MC, et al. Mammalian and bacterial sugar transport proteins are homologous. Nature. 1987 Feb 12-18;325(6105):641-3
C8	Mansharamani M, et al. Cloning and characterization of an atypical Type IV P-type ATPase that binds to the RING motif of RUSH transcription factors. J Biol Chem. 2001 Feb 2;276(5):3641-9
C9	Nagase T, et al. Prediction of the coding sequences of unidentified human genes. XIII. The complete sequences of 100 new cDNA clones from brain which code for large proteins <i>in vitro</i> . DNA Res. 1999 Feb 26;6(1):63-70
C10	Nagase T, et al. Prediction of the coding sequences of unidentified human genes. XVII. The complete sequences of 100 new cDNA clones from brain which code for large proteins <i>in vitro</i> . DNA Res. 2000 Apr 28;7(2):143-50
C11	Nagase T, et al. Prediction of the coding sequences of unidentified human genes. XVI. The complete sequences of 150 new cDNA clones from brain which code for large proteins <i>in vitro</i> . DNA Res. 2000 Feb 28;7(1):65-73
C12	Nakano Y, et al. Mutations in the novel membrane protein spinster interfere with programmed cell death and cause neural degeneration in <i>Drosophila melanogaster</i> . Mol Cell Biol. 2001 Jun;21(11):3775-88
C13	Oyanagi K, et al. A new type of hyperlysinaemia due to a transport defect of lysine into mitochondria. J Inherit Metab Dis. 1986;9(3):313-6
C14	Perna NT, et al. Genome sequence of enterohaemorrhagic Escherichia coli O157:H7. Nature. 2001 Jan 25;409(6819):529-33
C15	Rettig J, et al. Characterization of a Shaw-related potassium channel family in rat brain. EMBO J. 1992 Jul;11(7):2473-86
C16	Rudy B, et al. Region-specific expression of a K ⁺ channel gene in brain. Proc Natl Acad Sci U S A. 1992 May 15;89(10):4603-7
C17	Stoner C, et al. The araE low affinity L-arabinose transport promoter. Cloning, sequence, transcription start site and DNA binding sites of regulatory proteins. J Mol Biol. 1983 Dec 25;171(4):369-81
C18	Tang X, et al. A subfamily of P-type ATPases with aminophospholipid transporting activity. Science. 1996 Jun 7;272(5267):1495-7
C19	Wintour EM. Water channels and urea transporters. Clin Exp Pharmacol Physiol. 1997 Jan;24(1):1-9
C20	Joiner WJ, et al. Formation of intermediate-conductance calcium-activated potassium channels by interaction of Slack and Slo subunits. Nat Neurosci. 1998 Oct;1(6):462-9
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**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
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Expires: September 4, 2002



Harry I. Moatz
Director of Enrollment and Discipline